

ABSTRACT

1 A vibrator motor has a stationary piece and a moving piece
2 hinged at one end. The moving piece does not generate substantial internal
3 spring forces under the influence of an electromagnetic field, because it
4 does not have a tail bracket. Other parts of conventional motors are also
5 eliminated, so the motor is easier and less expensive to manufacture. In
6 addition, the motor can be assembled and tuned before installation, which
7 increases the ability to automate assembly.